Index of Claims

| App | lication/ | Control | No. |
|-----|-----------|---------|-----|

10/720,368

Examiner

Craig M. Schneider

Applicant(s)/Patent under Reexamination

HUANG, CHAO YANG

Art Unit

3753

| 7  | Rejected |
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| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
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| 0 | Objected |

|          |          |          |              |   |              |              | •        |                |              |          |   |  |          |                 |   |              |  |              |  | _      |
|----------|----------|----------|--------------|---|--------------|--------------|----------|----------------|--------------|----------|---|--|----------|-----------------|---|--------------|--|--------------|--|--------|
| Cla      | aim      | П        |              |   |              | Date         |          |                |              |          |   | Cla  | im       | -               |   |              | -  | Date         | =                                      |        |
| Final    | Original | 11/17/05 |              |   |              |              |          |                |              |          |   | Final  | Original |                 |   |              |  |              |  |        |
| <b>-</b> | 1        | 1        |              |   |              |              |          | $\vdash$       |              |          |   |  | 51       | $\dashv$        | - |              | _  | _            | -                                      | ┢      |
|          | 2        | 1        |              |   | _            |              |          | Г              |              |          |   |  | 52       | $\neg$          |   |              |  |              | ┢                                      | r      |
|          | 3        | 1        |              |   |              |              |          |                |              |          |   |  | 53       |                 |   |              |  |              |  | Г      |
|          | 4        | 1        |              |   |              |              |          |                |              |          |   |  | 54       |                 |   |              |  |              |  | Г      |
|          | 5        | 1        |              |   |              |              |          |                |              |          |   |  | 55       |                 |   |              |  |              |  | Г      |
|          | 6        | 1        | _            |   |              | Г            |          |                |              |          |   |  | 56       |                 |   | -            |  |              |  | Г      |
|          | 7        | 1        | Г            |   |              |              |          |                |              |          |   |  | 57       |                 |   |              |  |              |  |        |
|          | 8        | 1        |              |   |              |              |          |                |              |          |   |  | 58       |                 |   |              |  |              |  | Г      |
|          | 9        | 1        |              |   |              |              |          |                |              |          |   |  | 59       |                 |   |              |  |              |  |        |
|          | 10       | 1        |              |   |              |              |          |                |              |          |   |  | 60       |                 |   |              |  |              |  |        |
|          | 11       | 1        |              |   |              |              |          |                |              |          |   |  | 61       |                 |   |              |  |              | L                                      | L      |
|          | 12       | 1        |              |   |              |              |          |                |              | L        |   |  | 62       |                 |   |              |  |              |  | L      |
|          | 13       | V        |              |   | 乚            |              | L        | L              |              |          |   |  | 63       | Ш               |   |              |  |              | _                                      | L      |
|          | 14       | 1        | 匚            |   |              |              |          |                | L            | _        | ] |  | 64       |                 |   |              |  |              | L                                      | L      |
|          | 15       | V        | $oxed{oxed}$ |   |              |              |          |                |              | 匚        | ļ |  | 65       |                 |   |              |  | _            | _                                      | L      |
| L        | 16       | 1        | L.           | L   |              | L            | L        | L              |              | L        |   |  | 66       |                 |   |              |  |              | L                                      | L      |
|          | 17       | 0        | L            | <u> </u>  | ┖            | L            |          | L              |              |          |   |  | 67       | Ш               |   |              |  | L            | L                                      | L      |
|          | 18       | 1        |              |   |              | L            |          |                |              | L        |   |  | 68       | Ш               |   |              |  | L            | L                                      | L      |
|          | 19       | 0        | _            | 乚   |              |              | <u></u>  |                |              | <u> </u> |   |  | 69       | Ш               |   |              |  | <u> </u>     | L                                      | L      |
|          | 20       | 0        | <u></u>      | L   |              |              |          | 乚              | L            |          |   |  | 70       | Ш               |   |              |  |              | L                                      | L      |
|          | 21       | L        | <u>_</u>     | _   | _            | $oxed{oxed}$ | <u> </u> | 匚              | L            | <u> </u> |   |  | 71       | Ш               |   |              |  | L            |  | L      |
|          | 22       | L        | 乚            | _   | L            | L            | L        |                |              |          |   |  | 72       | Ш               |   |              |  | L            | ļ                                      | L      |
| L        | 23       | <u> </u> |              | <u> </u>  |              |              | L        | <u> </u>       |              |          | ļ | <u> </u>   | 73       | Ш               |   | ldash        |  | _            | _                                      | Ļ      |
|          | 24       | <u> </u> | <u></u>      | <u> </u>  |              | 匚            | L        |                |              | <u></u>  | Į |  | 74       | Ш               |   | <u> </u>     |  | L            | L                                      | L      |
|          | 25       | <u>L</u> | <u> </u>     |   | L            | L            | L        | <u> </u>       | <u> </u>     | L        | ļ |  | 75       | Ш               |   |              | _  | _            |  | L      |
|          | 26       | <u>L</u> | 匚            | L   | L            |              | L        | 匚              | L            |          | ļ | L  | 76       |                 |   |              |  | _            | L                                      | L      |
|          | 27       | L        | <u> </u>     | $ldsymbol{le}}}}}}$ |              | L            | L        |                |              | L        |   | <u> </u>   | 77       | Ш               |   | <u> </u>     |  | L            | L_                                     | L      |
|          | 28       | L        | 匚            |   |              | _            |          | _              | L            | L        |   | ļ  | 78       | Ш               |   | _            |  |              | L                                      | L      |
|          | 29       | <u> </u> | L            | L   | _            | _            | L_       | _              |              | <u> </u> |   | <u> </u>   | 79       | Ш               |   |              |  |              | <u> </u>                               | L      |
| <u> </u> | 30       | ļ        | L            | L   | _            | ╙            | 1_       |                |              |          |   |  | 80       | Щ               |   |              |  | _            | <u> </u>                               | Ļ      |
|          | 31       | <u> </u> | _            | ᆫ   | <u> </u>     | <u> </u>     |          |                |              |          |   |  | 81       | Ш               |   | _            |  |              | ┡                                      | Ļ      |
|          | 32       | ╙        |              | L   | <u> </u>     | <u> </u>     |          | _              | ╙            |          |   | <u> </u>   | 82       | Ш               |   | L            |  | _            | <u> </u>                               | ╀      |
|          | 33       | Ļ        | _            | L   | L            | <u> </u>     | L        | <u> </u>       | L            |          |   |  | 83       | Ш               |   | ļ            | _  | _            | ļ                                      | Ļ      |
|          | 34       | <u> </u> | <u> </u>     | L   | ╙            | <u> </u>     | <u> </u> | _              | L            |          |   | <u> </u>   | 84       | Щ               |   | <u> </u>     |  |              |  | ╀      |
|          | 35       | ⊢        | <b> </b>     | -   | $\vdash$     | ├-           | <b>├</b> | $\vdash$       | ⊢-           | -        | l | <u> </u>   | 85       | $\vdash \vdash$ | _ | ├—           | $\vdash$   | <u> </u>     | ├                                      | ╀      |
|          | 36       | <b>├</b> | <b> </b>     | <b> -</b> -   | ⊢            | ├-           | <u> </u> | <b>—</b>       | ├            | $\vdash$ | l | <u> </u>   | 86       | $\vdash \vdash$ |   | -            | <u> </u>   | _            | —                                      | ╀      |
| <u> </u> | 37       | <b>├</b> | <u> </u>     | <u> </u>  | ⊢            | 1            | $\vdash$ | ⊢-             | ├-           | ├        | ŀ | <b></b> -  | 87       | $\vdash$        |   |              | <u> </u>   | <del> </del> | <del> </del>                           | ╀      |
|          | 38       | ₩        | <b> </b>     | ├-  | $\vdash$     | 1—           | Ь—       | $\vdash$       | $\vdash$     |          | ļ | <u> </u>   | 88       | Н               |   | <del> </del> | <u> </u>   | $\vdash$     | ₩                                      | ╀      |
| <u> </u> | 39       | $\vdash$ | ⊢            | <u> </u>  | <del> </del> | ⊢            | ├        | ⊢              | ├_           | <u> </u> | l | <u> </u>   | 89       |                 |   | $\vdash$     | $\vdash$   | -            | ⊬                                      | ╀      |
| -        | 40       | ⊢        | <u> </u>     | _   | <b>⊢</b>     | ├            | $\vdash$ | $\vdash$       | ├            | $\vdash$ |   | <u> </u>   | 90       | Н               |   | <b> </b>     | <u> </u>   | ⊢            | ⊢                                      | ╀      |
| -        | 41       | Н—       | ⊢            | <del> </del>  | ├            | ⊢            | -        | $\vdash$       | ⊢            | ├-       | ł | <u> </u>   | 91       | Н               |   | $\vdash$     |  | ⊢            | ╁                                      | ╀      |
| -        | 42       | ├        | ₩            | <del> </del>  | -            | $\vdash$     | ⊢        | <del> </del>   | $\vdash$     | $\vdash$ | 1 | ├—   | 92<br>93 | $\vdash$        |   | $\vdash$     | ├-   | ⊢            | ⊢                                      | ╀      |
|          | 43       | ├-       | $\vdash$     | -   | ├            | ├-           | $\vdash$ | $\vdash$       | ├-           | ├        | 1 | <u> </u>   | 93       | $\vdash$        |   |              | <del> </del>                                     | $\vdash$     | $\vdash$                               | +      |
|          | 44<br>45 | ├-       | $\vdash$     | ├   | ₩            | -            | ╌        | ⊢              | -            | ⊢        | l | <u> </u>   | 95       | $\vdash$        | _ | $\vdash$     | <del>                                     </del> | -            | ╀                                      | ╁      |
| -        | 46       | +-       | $\vdash$     | $\vdash$  | ├            | $\vdash$     | ├-       | $\vdash$       | ⊢            | -        | 1 | <u> </u>   | 96       | $\vdash$        |   |              | ⊢  | -            | ┼                                      | t      |
|          | 47       | ┼-       |              | <del> </del>  | ╁            | ┝            | ├        | <del>  -</del> | <del> </del> | $\vdash$ |   | <del>                                     </del> | 97       | $\vdash$        |   | $\vdash$     | -  | $\vdash$     | ┼                                      | $^{+}$ |
| -        | 48       | ⊢        | ⊢            | $\vdash$  | $\vdash$     | ⊢            | $\vdash$ | $\vdash$       | $\vdash$     | $\vdash$ | 1 | $\vdash$   | 98       | $\vdash$        |   |              | <del>                                     </del> | -            | $\vdash$                               | +      |
|          | 49       | $\vdash$ | $\vdash$     | $\vdash$  | ╁            | $\vdash$     | ├-       | ├              | $\vdash$     | $\vdash$ | 1 | <del> </del>                                     | 99       | Н               |   | -            | $\vdash$   | $\vdash$     | $\vdash$                               | +      |
|          | 50       | $\vdash$ | $\vdash$     | ├   | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$       | $\vdash$     | ⊢        | ł |  | 100      | -               | - | ├-           | ├-   | ╁            | ╁                                      | +      |
| Ь        | 1 30     |          | Щ.           | L   |              | L            | L        | L              |              |          | J | L  | 100      | <b>_</b>        |   | <u> </u>     | Ц.   | Ц.           | ــــــــــــــــــــــــــــــــــــــ | ㅗ      |

| Claim    |                | Date               |          |  |             |          |  |              |  |                    |  |  |
|----------|----------------|--------------------|----------|--|-------------|----------|--|--------------|--|--------------------|--|--|
|          |                |                    |          |  |             |          |  |              |  |                    |  |  |
| <u>a</u> | Original       |                    |          |  |             |          |  |              |  |                    |  |  |
| Final    | <u>ē</u>       |                    |          |  |             |          |  |              |  |                    |  |  |
| -        | Õ              |                    |          |  |             |          |  |              |  |                    |  |  |
| -        | 51             | $\vdash$           |          | $\vdash$   | -           | $\vdash$ | $\vdash$   | -            | $\vdash$   | $\vdash$           |  |  |
|          | 57             | _                  | _        | ⊢  | -           | -        | -  |              | -  | -                  |  |  |
| -        | 52<br>53       | _                  | _        | _  |             | -        | -  | _            | _  | _                  |  |  |
| <u> </u> | 53             |                    | -        | -  | $\vdash$    | -        | _  |              | -  | _                  |  |  |
| <u> </u> | 54<br>55       | _                  | _        | <u> </u>   | $\vdash$    | $\vdash$ |  |              |  |                    |  |  |
| <u> </u> | 55             | _                  | -        | <u> </u>   | ╙           | Н        | _  |              |  |                    |  |  |
| <u> </u> | 56             | _                  |          | _  | <u> </u>    | Ш        |  |              |  | _                  |  |  |
| ļ        | 57             |                    |          | L  | L           | Ш        |  |              |  |                    |  |  |
| ļ        | 58             | $\Box$             |          | ㄴ  | <u>_</u>    | _        |  | _            |  |                    |  |  |
|          | 59             |                    |          | 匚  | _           |          |  |              |  |                    |  |  |
|          | 60             |                    |          |  |             |          |  |              |  |                    |  |  |
|          | 61             |                    |          |  |             |          |  |              |  |                    |  |  |
|          | 62             |                    | $L^{-}$  | L  |             |          |  |              |  |                    |  |  |
|          | 62<br>63       |                    |          |  |             |          |  |              |  |                    |  |  |
|          | 64             |                    |          |  |             |          |  |              |  |                    |  |  |
|          | 65             |                    |          | Γ  | Γ           |          |  |              | Г  |                    |  |  |
|          | 66             | П                  | $\vdash$ | Π  | Ι_          | Г        |  |              |  |                    |  |  |
|          | 67             |                    |          | ı  |             | Г        | $\Box$   |              |  |                    |  |  |
| $\vdash$ | 68             | Т                  | $\vdash$ | <del>                                     </del> | Т           | $\vdash$ | Н  | _            |  |                    |  |  |
| <b>—</b> | 68<br>69       | $\vdash$           |          | -  | ┪           | $\vdash$ | _  | $\vdash$     | H  | $\vdash$           |  |  |
| 1        | 70             | $\vdash$           | ┢        | -  |             | $\vdash$ | _  | -            | -  | $\vdash$           |  |  |
|          | 71             | ┢                  | -        | -  | <u> </u>    | -        | $\vdash$   | ┢            | -  | ╁╌                 |  |  |
| -        | 72             | _                  | $\vdash$ | -  |             |          |  | $\vdash$     | $\vdash$   | ┝                  |  |  |
| <b>—</b> | 73             | -                  | -        | ┢  | ┢           | ┢        | -  | $\vdash$     | $\vdash$   |                    |  |  |
| ├        | 73<br>74<br>75 | ┝┈                 | -        | ⊢  | ├           | -        | -  |              | $\vdash$   | ├                  |  |  |
| -        | 75             | -                  | -        | ⊢  | ⊢           | ┢        | $\vdash$   | -            | ┝  | ┢                  |  |  |
|          | 76             |                    | -        | -  |             | ⊢        |  | ⊢            | -  | ⊢                  |  |  |
| <u> </u> | 76<br>77       |                    |          | _  | ├           | ┝        | -  | ┝            | $\vdash$   | ⊢                  |  |  |
| <b>—</b> | 70             | _                  | -        |  | ├           | ⊢        |  | <del> </del> | ⊢  | ⊢                  |  |  |
|          | 78<br>79       | ┝                  | -        | ⊢  | <b> -</b> - | ┝        |  | <u> </u>     | ├  | ⊢                  |  |  |
| <u> </u> | 79             | _                  | _        | -  | <u> </u>    | <u> </u> | Ь.   | _            | ⊢  | <u> </u>           |  |  |
|          | 80             |                    |          | ļ  | <u> </u>    | _        | <u> </u>   | ļ            | <u> </u>   | <u> </u>           |  |  |
| <b>├</b> | 81             | <u> </u>           | ⊢        | <u> </u>   | <b>!</b> —  | <b>—</b> | <u> </u>   |              | $\vdash$   | <u> </u>           |  |  |
| <u></u>  | 82             | <u> </u>           | <u> </u> | <b>—</b>   | <u> </u>    | Щ        | <u> </u>   | <u> </u>     | <u> </u>   | <u> </u>           |  |  |
| <u></u>  | 83             | _                  | L_       | <u> </u>   | L_          | L_       | L  | <u> </u>     | <u> </u>   | _                  |  |  |
|          | 84             | <u> </u>           | <u> </u> | _  | L           | L.       |  | <u> </u>     | <u> </u>   | <u> </u>           |  |  |
|          | 85             | <u> </u>           | <u> </u> | 1_   |             |          |  |              | <u> </u>   | <u> </u>           |  |  |
|          | 86             | $oxedsymbol{oxed}$ | L        |  |             | L        | L  | L            | _  | $oxedsymbol{oxed}$ |  |  |
|          | 87             |                    | Ĺ        |  |             |          |  |              |  |                    |  |  |
|          | 88             | L                  |          |  |             |          | L  | L            | L  | Ĺ                  |  |  |
|          | 89             | Γ                  |          | Γ  |             |          |  |              |  |                    |  |  |
|          | 90             | l                  |          |  |             |          |  |              |  | $\Gamma$           |  |  |
|          | 91             |                    |          | T  |             |          |  | Π            |  |                    |  |  |
|          | 92             |                    |          |  | Π           | Π        | Γ  |              |  | Г                  |  |  |
|          | 93             | Г                  |          |  |             | Π        |  |              |  |                    |  |  |
|          | 94             |                    |          | Г  | Г           |          |  |              |  |                    |  |  |
|          | 95             | ⇈                  | $\vdash$ | Т  | Т           | 1        | Т  | $\vdash$     | 1  | Т                  |  |  |
|          | 96             | $\vdash$           | $\vdash$ | t  | t           | tΤ       | $\vdash$   |              |  | t                  |  |  |
| $\vdash$ | 97             | <del> </del>       | Ι        | T  | Ι-          | ✝        | <del> </del>                                     | Ι-           | 1  | $\vdash$           |  |  |
| $\vdash$ | 98             | $\vdash$           | -        | <del> </del>                                     | 1           | -        | <del>                                     </del> | $\vdash$     |  |                    |  |  |
| -        | 99             | $\vdash$           | $\vdash$ | <del>                                     </del> | ┢           | $\vdash$ | $\vdash$   | $\vdash$     | <del>                                     </del> | 1                  |  |  |
|          | 100            | -                  | +        | +-   | $\vdash$    | $\vdash$ | ┢  | -            | $\vdash$   | $\vdash$           |  |  |
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| Cla   | aim               |                |            |          |          | ate        | •            |          |          |                 |
|-------|-------------------|----------------|------------|----------|----------|------------|--------------|----------|----------|-----------------|
|       |                   |                |            |          |          |            |              |          |          |                 |
| Final | Original          |                |            |          |          |            |              |          |          |                 |
| u.    | Ori               |                |            |          |          |            |              |          |          |                 |
|       |                   | -              |            | _        |          |            | _            |          |          | $\blacksquare$  |
| -     | 101<br>102        | Н              |            |          |          |            | -            |          |          |                 |
|       | 103               | $\vdash$       | _          | $\vdash$ |          | -          |              | -        |          |                 |
|       | 103               | H              |            | Н        |          | _          |              | -        | -        |                 |
|       | 105               | -              | -          |          |          |            |              |          |          |                 |
|       | 106               |                |            |          |          |            |              |          |          |                 |
|       | 107               |                |            |          |          |            |              |          |          |                 |
|       | 108               |                |            |          |          |            |              |          |          |                 |
|       | 109               |                |            |          |          |            |              |          |          |                 |
|       | 110<br>111        |                |            |          |          |            |              |          |          |                 |
|       | 111               |                |            |          |          | L          |              |          |          | Ш               |
|       | 112<br>113        |                | ļ          |          |          |            | Ш            | _        |          | Щ               |
|       | 113               | <u> </u>       | lacksquare | $\vdash$ |          | <u> </u>   |              |          | ļ        | $\vdash \vdash$ |
|       | 114<br>115        |                |            |          |          | -          | <u> </u>     |          | <u> </u> | $\vdash \vdash$ |
|       | 115               | $\vdash$       | H          | H        |          | $\vdash$   | H            |          | <u> </u> | Н               |
|       | 110               | -              | _          | $\vdash$ | _        | ⊢          | ┝            | $\vdash$ | $\vdash$ | $\dashv$        |
|       | 117<br>118        | -              | _          | $\vdash$ |          | ├          | $\vdash$     | _        | -        | H               |
|       | 119               | -              | -          | ┢┈       | _        | H          |              | -        |          | Н               |
|       | 120               | H              | -          | -        |          | H          | Н            | _        |          | Н               |
|       | 120<br>121        | $\vdash$       |            |          |          |            | -            | $\vdash$ | $\vdash$ | H               |
|       | 122               |                |            |          |          |            |              |          | Т        | Н               |
|       | 123               |                |            |          |          |            |              |          | Г        | П               |
|       | 122<br>123<br>124 |                |            |          |          |            |              |          |          |                 |
|       | 125<br>126<br>127 |                |            |          |          |            |              |          |          |                 |
|       | 126               |                |            |          |          |            |              |          |          |                 |
|       | 127               |                |            |          |          |            |              |          |          | Ш               |
|       | 128<br>129        |                |            |          |          |            |              |          | L.       | Ш               |
|       | 129               |                |            | _        | _        |            | <u> </u>     | _        | <u> </u> | Ш               |
|       | 130<br>131        |                |            | <u> </u> | <u> </u> |            |              |          | ļ        | Щ               |
|       | 131               | <del> </del>   | -          | _        | <u> </u> | <b> </b>   | ⊢            | -        |          | Н               |
|       | 132               | <del> </del> - | $\vdash$   | ┞        | -        |            | ├─           | ├        | -        | Н               |
|       | 133<br>134        | ├-             |            | ┢        |          | ├          | <del> </del> | ├        |          | Н               |
|       | 135               | -              | <u> </u>   | ├        | ├        | -          | $\vdash$     | -        |          | Н               |
|       | 136               | <del> </del>   | _          | ┝        | -        | ┝          | $\vdash$     | ├        |          | Н               |
|       | 136<br>137        |                | _          | $\vdash$ | _        |            |              | 一        |          | Н               |
|       | 138               | $\vdash$       | Т          | $\vdash$ | $\vdash$ | Г          | Г            | T-       | <u> </u> | П               |
|       | 139               | 一              | Τ          | Г        | Г        | Τ          |              |          |          | П               |
|       | 140               |                |            |          |          |            |              |          |          |                 |
|       | 141               |                |            |          |          |            |              |          |          |                 |
|       | 142               | 匚              |            | 匚        | $\Box$   |            | 匚            |          |          |                 |
|       | 143               |                | _          | L_       | <u> </u> | lacksquare | <u> </u>     | <u>L</u> | <u> </u> | Ш               |
|       | 144               | <u> </u>       | <u> </u>   |          | _        | _          | <u> </u>     | _        | <u> </u> | Ш               |
|       | 145               | <u> </u>       | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | _            | $\vdash$ | <u> </u> | Щ               |
|       | 146               | <u> </u>       |            | <u> </u> | $\vdash$ | <u> </u>   |              | <u> </u> | $\vdash$ | Н               |
|       | 147<br>148        | <del> </del> - | ⊢          | ├-       | $\vdash$ | ├-         | ├—           | -        | ├        | $\vdash$        |
| -     | 148               | <del> </del>   | $\vdash$   | -        | ⊢        | $\vdash$   |              | ├        | ⊢        | Н               |
|       | 150               | $\vdash$       | -          |          |          | $\vdash$   | $\vdash$     | $\vdash$ | -        | Н               |
| L     | 1 100             | L              | <u> </u>   | Ц        |          | _          |              | Ь.       | <u> </u> | ш               |